"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISSON, P.S., inzhener.

Reinforced concrete poles for electric transmission and communication lines. Transp.strei.6 no.7:25-27 Jl '56. (MLRA 9:10)
(China--Electric lines--Poles)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

BOGIN, Naum Markovich, [illegible]kand. tekhn. nauk[illegible]; DISSON, P.S., inzh.; dots. RUDENKO-MORGUN, I.Ya., kand. tekhn. nauk, nauchnyy red.; GUROV, Yu. S., red. izd-va.; EL'KINA, E.M., tekhn. red.

[Reinforced concrete supports for overhead lines] Zhelezobetonnye opory vozdushnykh linii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1958. 193 p. (MIRA 11:10)
(Electric lines--Poles)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

ALEKSEYEV, Aleksey Pavlovich, kand. tekhn. nauk; DISSON, Pavel Solomonovich, inzh.; SESSAREVSKIY, Aleksandr Nikolayevich, inzh.; SMOL'YANINOV, Aleksandr Andreyevich, kand. tekhn. nauk; SHURYGIN, Vladimir Pavlovich, kand. tekhn. nauk; SHAIRIN, N.A., prof., retsenzent; GOL'SHUKH, V.V., inzh.; ABRAGAM, S.R., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Construction operations in railroad electrification] Stroitel'nye raboty pri elektrifikatsii zheleznykh dorog. [By] A.P. Alekseev i dr. Moskva, Transzheldorizdat, 1962. 287 p. (MIRA 15:12)

(Railroads--Electrification)
(Railroads--Buildings and structures)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

ALEKSEYEV, Aleksey Pavlovich, kand. tekhn. nauk; DISSON, Pavel Solomonovich, inzh.; SESSAREVSKIY, Aleksandr Nikolayevich, inzh.; SMOL'YANINOV, Aleksandr Andreyevich, kand.tekhn. nauk; SHURYGIN, Vladimir Pavlovich, kand. tekhn. nauk; SHADRIN, N.A., prof., retsenzent; GOL'SHUKH, V.V., inzh., retsenzent; ABRAGAM, S., inzh., red.; BOBROVA, B.N., tekhn. red.

[Construction work in railroad electrification]Stroitel'nye raboty pri elektrifikatsii zheleznykh dorog. Utverzhdeno Glavnym upravleniem uchebnymi zavedeniiami MPS v kachestve uchebnogo posobiia dlia vysshikh uchebnykh zavedenii zheleznodorozhnogo transporta. [By]A.P.Alekseev i dr. Moskva, Transzheldorizdat, 1962. 287 p. (MIRA 16:2)
(Railroads--Electrification)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, B. G.

DISTANOV. B. G.: "Investigation of 1,3-diacetyl benzene 1-hydroxy-2,4-diacetyl benzene, its methyl ether, 1,3-dihydroxy-4,6- diacetyl benzene, and its mono- and dimethyl ethers, using spectrographic and other physicochemical methods". Khar'kov, 1955. Min Higher Education Ukrainian SSR. Khar'kov Polytechnic Inst imeni V. I. Lenin. (Dissertations for the degree of Candidate of Chemical Sciences.)

SO: Knizhnaya Letopis' No. 50 10 December 1955. Moscow

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

Distanov, B.G.

CHESHKO, F.F.; DISTANOV, B.G.

Spectrographic and other physicochemical methods in the study of the carbonyl derivatives of benzene. Zhur. ob. khim. 27 no.8:2183-2193 Ag '57. (MLRA 10:9)

1. Khar'kovskiy politekhnicheskiy institut.
(Benzene)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, B.G.

CHESHKO, F.F.; DISTANOV, B.G.

Spectrographic and other physicochemical methods in the study of the carbonyl derivatives of benzene. Part 2: Analysis of 1-oxy-2,4-diacetylbenzene. Zhur. ob. khim. 27 no.8:2193-2205 Ag '57. (MLRA 10:9)

1. Khar'kovskiy politekhnicheskiy institut.
(Benzene)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, B.G.

CHESHKO, F.F.; DISTANOV, B.G.

Investigation of benzene carbonyl derivatives by spectrographic and other physico-chemical methods. Part 3: 1,3-dioxy-4,6- diacetyl benzene and its mono- and diethyl ethers. Zhur.ob.khim. 27 no.10: 2851-2861 O '57. (MIRA 11:4)

1.Khar'kovskiy politekhnicheskiy institut.
(Benzene) (Ethers)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

STARTSEV, V.I., otv. red.; ALEKSANDROV, B.S., red.; BELYAYEV, L.M., red.; BRUDZ', V.G., red.; VOYTOVETSKIY, V.K., red.; GALANIN, M.D., red.; DISTANOV, B.G., red.; KLIMOV, A.P., red.; SEMENENKO, M.G., red.; SHAMOVSKIY, L.M., red.

[Scintillators and scintillation materials] Stsintilliatory i stsintilliatsionnye materialy. Moskva, Gos. komitet Soveta Ministrov SSSR po khimii, 1960. 319 p. (MIRA 15:4)

1. Koordinatsionnoye soveshchaniye po stsintilliatoram. 2nd, 1957. (Scintillation counters)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, B.G.

24.6810

82881
S/120/60/000/02/012/052
E032/E314

AUTHORS: Nagornaya, L.L., Kilimov, A.P., Distanov, B.G. and Podgornaya, L.M.

TITLE: Plastic Scintillators with Additions of Aryl-substituted Pyrazolines

PERIODICAL: Pribory i tekhnika eksperimenta, 1960, No. 2, pp 48 - 50 (USSR)

ABSTRACT: The scintillation efficiency and the luminescence spectrum of polystyrene solutions of the following substances have been investigated: 1.3-diphenyl-5-(2-chlorophenyl)-pyrazoline; 1.5-diphenyl-3-(4-biphenyl)-pyrazoline; 1.5-diphenyl-3-(1-naphthyl)-pyrazoline; 1.5-diphenyl-3-(2-naphthyl)-pyrazoline. It was found that polystyrene solutions with the addition of 2% n-terphenyl and 0.2% 1.3-diphenyl-5-(2-chlorophenyl)-pyrazoline have a scintillation efficiency of 155%. Triaryl pyrazolines can be used as additives to plastic scintillators. They are most usefully employed as spectrum shifters. Figures 1 and 2 show the photoluminescence spectra of the plastic scintillators and Figures 3 and 4 the concentration

Card1/2

2

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

82881
S/120/60/000/02/012/052
E032/E314

Plastic Scintillators with Additions of Aryl-substituted Pyrazolines

dependence of the scintillation efficiency.
There are 4 figures, 1 table and 3 Soviet references.

ASSOCIATION: Khar'kovskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta khimicheskikh reaktivov (Khar'kov Branch of the All-Union Scientific Research Institute for Chemical Reagents)

SUBMITTED: January 17, 1959

Card 2/2

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, B.G.; KRESAL'NAYA, L.Z.; STEPANOVA, N.S.; KIPRIYANOVA, S.S.

Preparation of alkali halides of high degree of purity. Zhur.-neorg.khim. 7 no.6:1464-1465 Je '62. (MIRA 15:6)
(Alkali metal halides)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

L 49005-65 EWT(m)/EPF(c)/EWP(j) Pc-4/Pr-4 RM

ACCESSION NR: AR5007237 S/0081/65/000/002/N016/N016

SOURCE: Ref. zh. Khimiya, Sv. t., Abs. 2N84

32
B

AUTHOR: Distanov, B. G.; Moiseyev, V. M.

TITLE: Single scintillation crystals based on ethylene derivatives

CITED SOURCE: Sb. Stsintillyatory i stsintillyats. Vyp. 3, materialy. Khar'kov, Khar'kovsk. un-t, 1963, 36-39

TOPIC TAGS: crystal growth, single crystal, scintillation crystal, ethylene derivative, naphthalene crystal, diarylethylene synthesis, diarylethanol dehydration

TRANSLATION: The results of measurements of the relative scintillation effectiveness of single crystals of naphthalene with admixtures of synthetic ethylene derivatives are presented. Single crystals of naphthalene were grown by the Steber method from inocula of pure naphthalene. The scintillation effectiveness of a single crystal of naphthalene with an admixture of 1-phenyl-2-(γ-antryl)-ethylene was 1.23-1.25 times as great as that of a stilbene crystal. The authors suggest a method, which is suitable for industrial use, for the preparation of 1,2-diarylethylenes by the thermal dehydration of 1,2-diarylethanols.

Card 1/2

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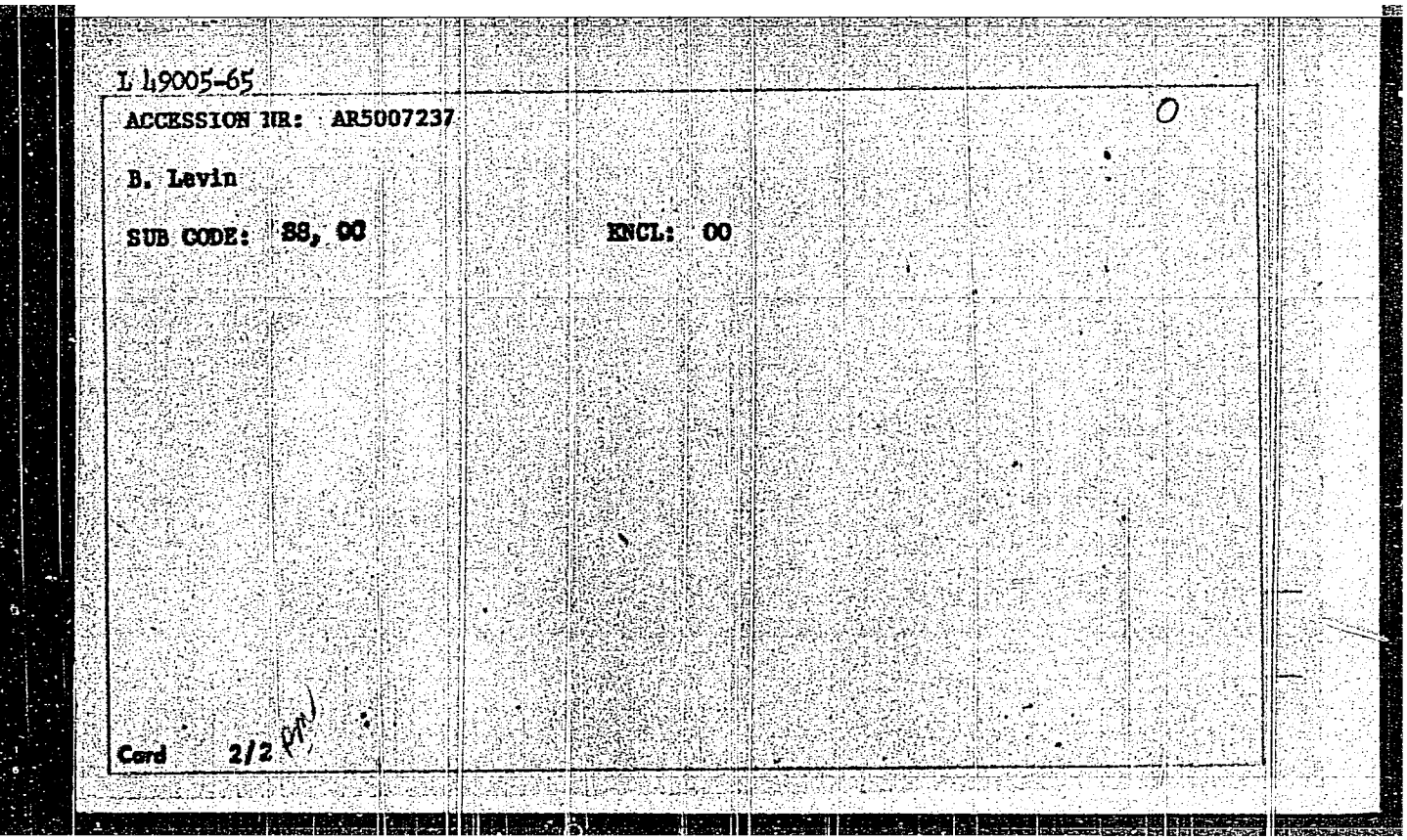
"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1



L 49005-65

ACCESSION NR: AR5007237

B. Levin

SUB CODE: 88, 00 ENCL: 00

Card 2/2

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

L 16710-65 EWT(m)/EPF(c)/EWP(j) Pc-4/Pr-4 RPL/ESD(gs)/BSD/AFWL/ASD(a)-/
AS(mp)-2/APGC(b) RM
ACCESSION NR: AR5000785 S/0058/64/000/010/D047/D047

SOURCE: Ref. zh. Fizika, Abs. 10D368

AUTHORS: Tishchenko, V. G.; Verkhovtseva, E. T.; Kutsyna, L. M.; Distanov, E. G.

TITLE: Optical properties of some derivatives of 1, 3, 5-triphenyl- Δ^2-pyrazoline

CITED SOURSE: Sb. Stsintillyatory i stsintillyats. materialy. Khar'kov, Khar'kovsk. un-t., 1963, 126-129

TOPIC TAGS: absorption spectrum, fluorescence spectrum, luminescence quantum yield, scintillation activity, scintillator

TRANSLATION: The absorption and fluorescence spectra were determined for a series of derivatives of 1, 3, 5-triphenyl- Δ^2-pyrazoline (I), the quantum yields of luminescence (η) were measured in heptane, and the scintillation activity was measured in toluol and 1-methyl naphthalene. In the general case, the absorption spectra are represented by three bands. With weakening of the electron-donor properties of the substitute, the

Card 1/2

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L 16710-65
ACCESSION NR: AR5000785

intensity of the two long-wave bands decreases, and the central band disappears completely in substances with electron-acceptor substitutes. With intensification of the electron-acceptor character, a shift of the long-wave band towards higher frequencies takes place, and is explained by the change in the energy of the 1,3 system of conjugation under the influence of the "5" postition as a result of the action of the negative induction effect. The fluorescence spectra do not experience in general any noticeable changes under the influence of the substitute. The values of η, measured relative to the substance I, fluctuate in the interval value 0.8 -- 1.2. It is established that the derivatives of I can be used as highly effective additives to liquid scintillators based on either toluol or 1-methyl naphthalene. V. Korobkov.

SUB CODE: OC, OP ENCL: 00

Card 2/2

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

Card 1/2

L 43589-65

ACCESSION NR: AT5000572

as dithizonates and hydroxyquinolates. Final purification was accomplished with a chromatographic column (alumina and channel black) to remove the remaining impurities and complex forming agents. Orig. art. has: 1 table.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut monokristallov, Khar'kov (All-Union Scientific Research Institute of Single Crystals)

SUBMITTED: 00 ENCL: 00 SUB CODE: IC

NO REF SOV: 003 OTHER: 000

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, E.

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: Geological Survey National Enterprise (Geologicky pruzkum, narodni podnik), Pribram

Source: Prague, Vestnik Ustredniho Ustavu Geologickeho, Vol XXXVI, No 5, June 1961, pp 335-342.

Data: "Stratigraphic Division of the Metamorphic Complex of the Middle Part of the Krusne hory Mountains (Erzgebirge)."

Authors: DISTANOV, E.
PATKOVA, J.
ZUKOVA, V.

GPO 981643

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

GODOVIKOV, A.A.; DISTANOV, E.G.; KOSYGIN, Yu.A.; KUZNETSOV, V.A.; SAKS, V.N.; SOBOLEV, V.S.; SOKOLOV, B.S.; TROFIMUK, A.A.; SHAKHOV, F.N.

In memory of Oleg Dmitrievich Levitskii. Geol. i geofiz. no.3:116-117 '61. (MIRA 14:5)
(Levitskii, Oleg Dmitrievich, 1909-1961)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, E.G.

Role of shift movements in the formation of the northeastern shear zone in the Altai and localization of complex metal mineralization in it. Geol.i geofiz. no.2:52-65 '62. (MIRA 15:4)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.
(Leninogorsk region (Altai Mountains)—Geology, Structural)
(Leninogorsk region (Altai Mountains)—Ore deposits)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, E.G.

Age of complex metal deposits in the Salair Ridge. Geol. i geofiz. no.8:38-54 '63. (MIRA 16:10)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.

(Salair Ridge--Ore deposits)
(Salair Ridge--Geological time)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, E.G.; KOVALEV, K.R.

Metamorphism of the ores of complex metal deposits in the northeastern part of the Salair Range. Geol. i geofiz. no.3: 21-36 '64. (MIRA 18:7)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, E.G.; KLYAROVSKIY, V.M.; KOVALEV, K.R.; PERTSEVA, A.P.

Age of complex metal mineralization in the Salair ore field.
Geol. rud. mestorozh. 6 no.5:94-97 S-O '64. (MIRA 17:12)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, E.G.; YAKOVLEV, G.F.

Endogenetic ore formations in Siberia and in the Far East. Izv. AN SSSR. Ser. geol. 29 no.10:140-142 O '64.
(MIRA 17:11)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

KUZNETSOV, V.A.; DISTANOV, E.G.

First Session on the Problem "Endogenetic Ore Formations of Siberia and the Far East." Geol. i geofiz. no.10:179-181 '64. (MIRA 18:4)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

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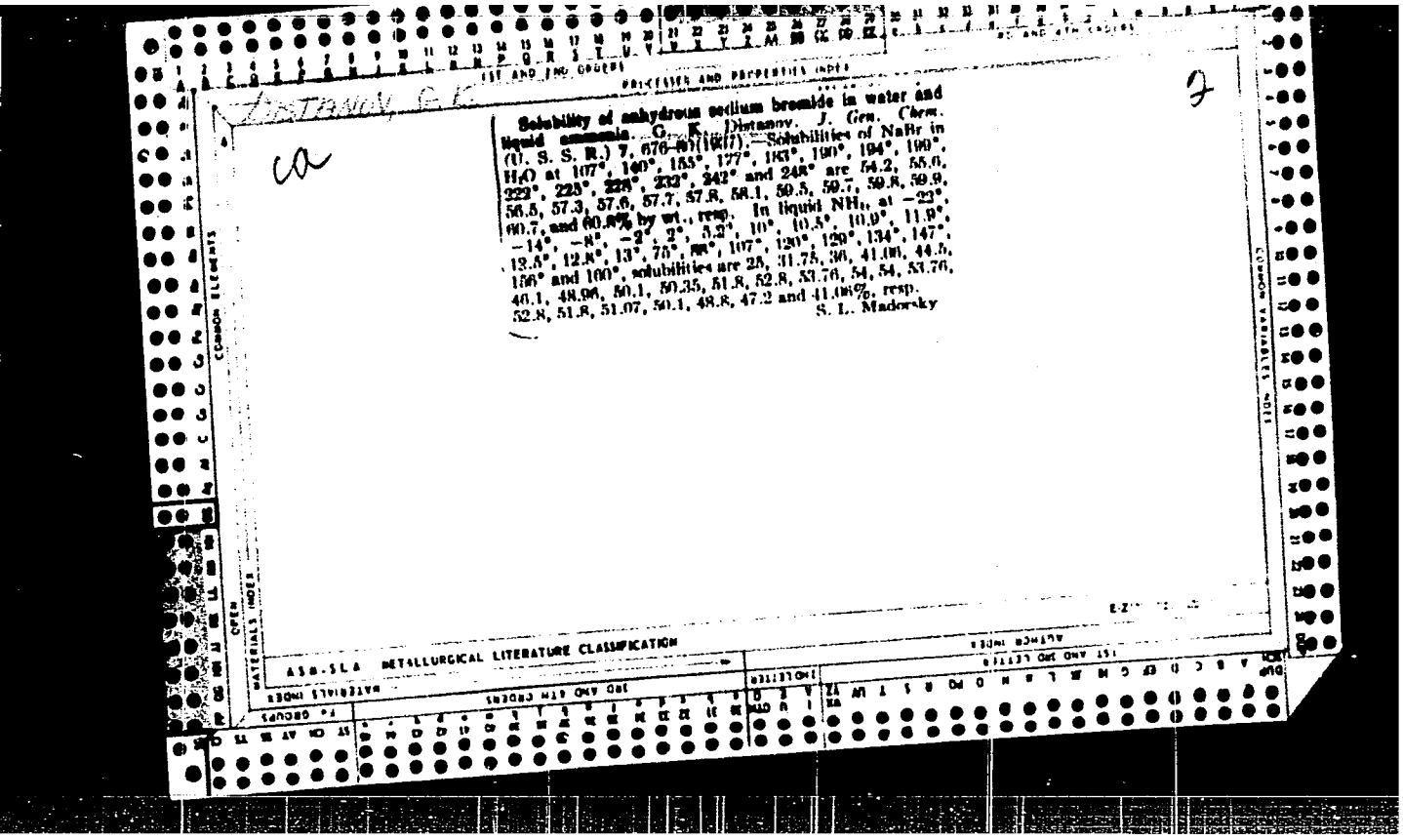

Solubility of anhydrous sodium bromide in water and liquid ammonia. G. K. Distanov. *J. Gen. Chem.* (U. S. S. R.) 7, 676–80(1937).—Solubilities of NaBr in H_2O at 107°, 140°, 155°, 177°, 183°, 190°, 194°, 199°, 222°, 225°, 228°, 232°, 242° and 248° are 54.2, 55.0, 56.5, 57.3, 57.6, 57.7, 57.8, 58.1, 59.5, 59.7, 59.8, 59.9, 60.7, and 60.8% by wt., resp. In liquid NH_3 at −22°, −14°, −8°, −2°, 2°, 5.2°, 10°, 10.5°, 10.9°, 11.9°, 13.5°, 12.8°, 13°, 75°, 88°, 107°, 120°, 129°, 134°, 147°, 156° and 160°, solubilities are 25, 31.75, 36, 41.01, 44.5, 46.1, 48.99, 50.1, 50.35, 51.8, 52.8, 53.76, 54, 54, 53.76, 52.8, 51.8, 51.07, 50.1, 48.8, 47.2 and 41.01%, resp.
S. L. Madorsky

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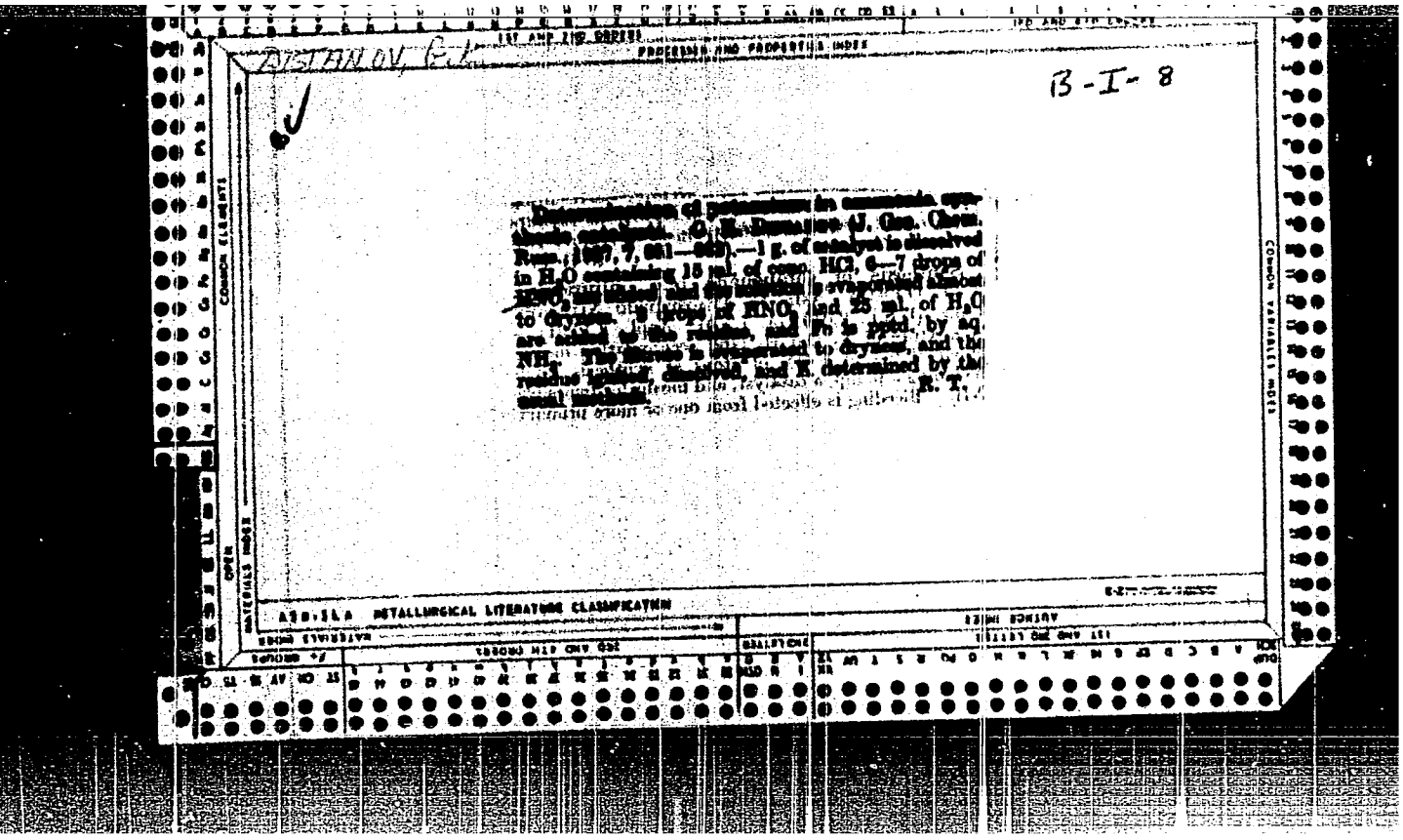

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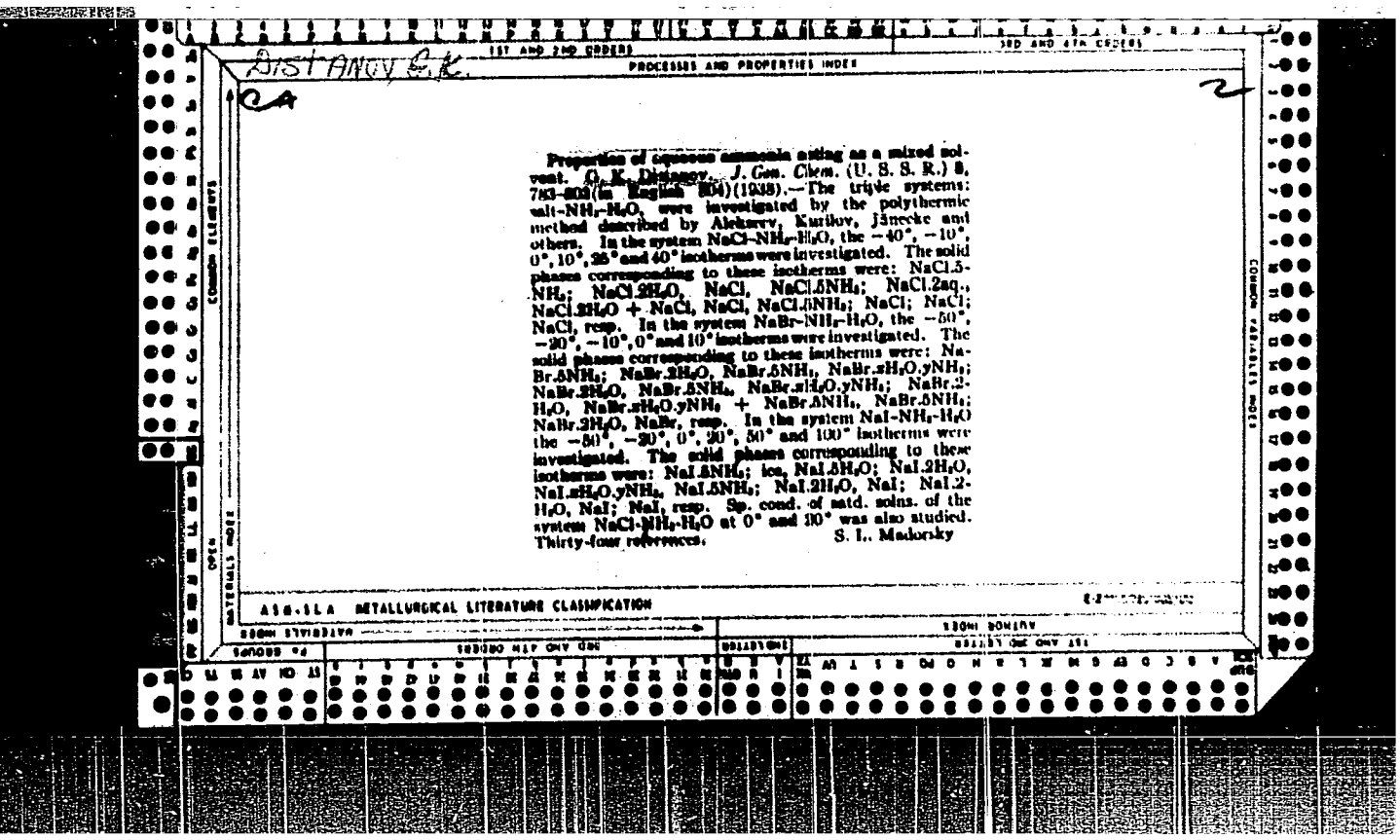

DISTANOV G.K.

PROCESSES AND PROPERTIES INDEX

Preparation of aqueous ammonia acting as a mixed solvent. G. K. Distanov. *J. Gen. Chem.* (U. S. S. R.) **8**, 783-803 (in English 804) (1938).—The triple systems: salt-NH_3-H_2O, were investigated by the polythermic method described by Alekseev, Kurilov, Jänecke and others. In the system NaCl-NH_3-H_2O, the −40°, −10°, 0°, 10°, 25° and 40° isotherms were investigated. The solid phases corresponding to these isotherms were: NaCl.5-NH_3; NaCl.$2H_2O$, NaCl, NaCl.$5NH_3$; NaCl.2aq., NaCl.$2H_2O$ + NaCl, NaCl, NaCl.$5NH_3$; NaCl; NaCl; NaCl, resp. In the system NaBr-NH_3-H_2O, the −50°, −20°, −10°, 0° and 10° isotherms were investigated. The solid phases corresponding to these isotherms were: NaBr.$5NH_3$; NaBr.$2H_2O$, NaBr.$5NH_3$, NaBr.$xH_2O.yNH_3$; NaBr.$2H_2O$, NaBr.$5NH_3$, NaBr.$xH_2O.yNH_3$; NaBr.2-H_2O, NaBr.$xH_2O.yNH_3$ + NaBr.$5NH_3$, NaBr.$5NH_3$; NaBr.$2H_2O$, NaBr, resp. In the system NaI-NH_3-H_2O the −50°, −20°, 0°, 20°, 50° and 100° isotherms were investigated. The solid phases corresponding to these isotherms were: NaI.$5NH_3$; ice, NaI.$5H_2O$; NaI.$2H_2O$, NaI.$xH_2O.yNH_3$, NaI.$5NH_3$; NaI.$2H_2O$, NaI; NaI.2-H_2O, NaI; NaI, resp. Sp. cond. of satd. solns. of the system NaCl-NH_3-H_2O at 0° and 10° was also studied. Thirty-four references. S. L. Madorsky

A58-11A METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DRUZHININ, Ivan Georgiyevich, professor; SHEPELEV, A.I., dotsent; DISTANOV, G.K., otvetstvennyy redaktor

[Physical and chemical study of modifications of calcium chloride tetrahydrate] Fiziko-khimicheskoe izuchenie modifikatsii chetyrekhvodnogo khloristogo kul'tsiia. Frunze, Kirgizskii gos.univ., 1955. 63 p. (MIRA 10:1)

(Calcium chloride)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, G.K.

Solubility of silver halides in liquid ammonia and in ammonia-water solutions. Uch. zap. Biol.-pochv. fak. Kir. un. no.7:163-183 '58. (MIRA 15:10)
(Solver halides) (Ammonia) (Solubility)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, G.K.

Equilibrium in the system As_2O_3-H_2O-H_2SO_4. Uch. zap. Biol.-pochv. fak. Kir. un. no.7:185-188 '58. (MIRA 15:10)
(Arsenic oxides) (Sulfuric acid)
(Phase rule and equilibrium)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, G.K.; KYDYRMYSHEV, E.

Solubility isotherm in the system cobalt chloride - urea - water at 20°. Zhur.neorg.khim. 7 no.4:885-888 Ap '62. (MIRA 15:4)
(Cobalt chlorides) (Urea) (Solubility)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, U. G.

260T58

USSR/Geology - Clays 11 Jun 53

"The Composition and Characteristics of the Miocene Clays in Bashkir," N. V. Kirsanov and U. G. Distanov, Geol Inst, Kazan' Affiliate, Acad Sci USSR

DAN SSSR, Vol 90, No 5, pp 879-881

Describes the structural scheme of the miocene clays of central and southern Baskhir ASSR. Presented by Acad D. S. Belyankin 1 Apr 53.

260T58

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DISTANOV, U. G. 21 Jul 53

USSR/Geology - Coal of Tertiary

"Problem of Selecting the Grading Fractions for Mineralogical Analysis," U.G. Distanov

DAN SSSR, Vol 91, No 3, pp 637-639

Studied mineralogical composition of Tertiary coal-bearing deposits found at a number of points in central Bashkir (Na mkino, Kibyachevo, Maklykul', Sofipol', Sosnovka, Talayevo). Explains the abrupt quant in the contents of certain hard terrigenous minerals when the general granulometric composition of rocks varies. Presented by Acad D. S. Belyankin 27 May 53

SO Vecheryaya Moskva
Sum 71

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SEMENTOVSKIY, Yu.V.; DISTANOV, U.G.

Characteristics of local building stone. Izv.Kazan.fil.AN SSSR Sel.geol.nauk no.3:51-61 '55. (MLRA 9:7)
(Building stones)

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DISTANOV, U.G.

Some characteristics of Miocene deposits in central Bashkiria
U.G.Distanov. Izv.Kazan.fil.AN SSSR.Ser.geol.nauk no.3:122-126
'55. (Bashkiria--Geology, Stratigraphic) (MLRA 9:7)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, U.G.; KIRSANOV, N.V.; KOCHETOV, V.F.

Drilling fluid materials of the eastern Tatar A.S.S.R. and results of using water as the circulating agent in oil well drilling. Trudy Kazan.fil.AN SSSR.Ser.geol.nauk no.5:3-80 '55. (MLRA 10:1)

(Tatar A.S.S.R.--Oil well drilling fluids)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, U.G., SOLONTSOV, L.F.

Mineralogical and stratigraphical nature of pre-devonian deposits in the eastern Russian Platform. Dokl. AN SSSR 105 no.1:151-153 N '55. (MLRA 9:3)

1. Geologicheskiy institut Kazanskogo filiala Akademii nauk SSSR. Predstavleno akademikom S.I. Mironovym.
(Russian Platform--Geology, Stratigraphic)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

MIROPOL'SKIY, L.M.; DISTANOV, U.G.

[Natural resources of the Tatar Republic] Bogatstva nedr Tatarii. Kazan', Tatknigoizdat, 1956. 74 p. (MLRA 9:7)
(Tatar A.S.S.R.--Natural resources)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

LYUDOROV, A.P.; KIRSANOV, N.V.; DISTANOV, U.G.; TUZOVA, L.S.; ARKUZOV, A.Yu., akademik, redaktor.; MIROPOL'SKIY, L.M., redaktor; SHAPOVALOVA, G.S., redaktor; PAVLOVSKIY, A.A., tekhnicheskiy redaktor.

[Tertiary coal-bearing deposits of the central and southern regions of Bashkiria] Tretichnye uglenosnye otlozheniia tsentral'nykh i iuzhnykh raionov Bashkirii. Moskva, Izd-vo Akademii nauk SSSR, 1956. 138 p. (Akademiia nauk SSSR. Kazanskii filial, Kazan. Geologicheskii institut. Trudy, no.3)
(MLRA 9:10)

(Bashkiria--Coal geology)

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15-57-1-820

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 1, pp 129-130 (USSR)

AUTHORS: Bludorov, A. P., Kirsanov, N. V., Distanov, U. G., Tuzova, L. S.

TITLE: Tertiary Coal Deposits in Central and Southern Bashkiria (Tretichnyye uglenosnyye otlozheniya tsentral'nykh i yuzhnikh rayonov Bashkirii)

PERIODICAL: Tr. Geol. in-ta Kazansk. fil. AN SSSR, 1956, Nr 3, 141 pp.

ABSTRACT: The oldest formation, gypsum and dolomite of the Kungura series, outcrops at the surface in stock-like forms that break across red beds composed of conglomerates, sandstones, siltstones, and mudstones, with layers of limestone. These red beds represent deposits of the Ufa, the Kazan', and the Tataria series, and part of the Triassic sequence. Layers of coal are locally present in the Triassic Surakay series. On the north, Jurassic formations are coal bearing; on the

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Tertiary Coal Deposits in Central and Southern Bashkiria (Cont.)

south, they are marine. The Upper Cretaceous contains marine fossils and occurs north of the marine Jurassic. The Paleogene is composed of sandy clay deposits, with layers of coal in the Oligocene rocks in the southern and eastern parts of the region. The Miocene rocks, with the greatest quantity of coal, consist of clays, sands, gravels, and subordinate siltstones and clay breccias; clays predominate in southern Bashkiria and coarse sediments, sands and gravels, are most abundant in central Bashkiria. White kaolinitic clays are characteristic in the floor rocks, locally also in the roof rocks, of the coal beds. Gravels are common both at the base and in the middle of the Miocene coal-bearing sequence. The latter occurrence divides the sequence into two parts. The undisturbed attitude of the Tertiary sediments is destroyed by karst and salt tectonics, which led to the development of faults. The total content of heavy minerals in the Miocene deposits is 0.15 to 0.30 percent of the rock, reaching one percent where there is pyrite in the lower Miocene and in the coals of the middle Miocene. In the sandy gravelly rocks and the clays of the middle Miocene, the increase is due to hydrogoethite. The principal minerals in the heavy fraction

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Tertiary Coal Deposits in Central and Southern Bashkiria (Cont.)

(> 10 percent) are iron ores, pyrite, hydrogoethite, locally also zircon, tourmaline, rutile, and picotite. The chief light minerals are quartz, chert; and feldspar. Tourmaline, picotite, rutile, and deucoxene are index minerals for correlation in the Lower Miocene. In the Middle Miocene, in addition to those mentioned, ilmenite, sillimanite, and disthene are also used. The Southern Urals formed the provenance for the Miocene deposits. The coal-bearing sequence is composed of sediments of alternating alluvial, lacustrine, and paludal facies, usually in seven to eight lithic groups, the number of which is almost twice as great in the southeastern part of the area because of the greater mobility of the land. The Miocene dating of the coal deposits is supported by pollen-spore complexes and by woody structures that point to the predominance of conifers on the south and of woody plants on the north, including warm-climate forms. The plants belong to the Turgay flora and were introduced through the Turgay Strait. Both simple and complex coal beds are formed by dense and earthy coals, by small or large fragments of lignite, locally with peat-like varieties. The coal is brown, dull, with clotted matrix and indistinct segregated

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Tertiary Coal Deposits in Central and Southern Bashkiria (Cont.)

inclusions of xylain, fusain, vitrain, cuticle, spore husks, tar bodies, and minerals. The coal in the surrounding parts of the deposit has more ash than the finely crushed coal in the central parts. The coal accumulated in Tertiary time in a succession moving in general from south to north, forming in the southern region in the Oligocene (weakly) and in the lower Miocene. The entire region was the site of coal accumulation in the middle Miocene. Uplift of the southern part of the region led to erosion of the middle Miocene coal deposits. Rare accumulations of Pliocene coal have no industrial value.

Card 4/4

A. K. M.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, U.G.; SOLONTSOV, L.F.

Data on mineralogical and petrological characteristics of Devonian deposits in the Volga-Ural region. Izv. Kazan. fil. AN SSSR. Ser. geol. nauk no.5:23-39 '56. (MLRA 10:4)
(Volga Valley--Geology, Stratigraphic)
(Ural Mountain region--Geology, Stratigraphic)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, U.G.

Regularities of the occurrence of mineralogical associations in upper Permian variegated deposits of the central sector of the Ural-Volga region. Izv.AN SSSR. Ser.geol. 21 no.9:98-101 S '56. (MLRA 9:11)

(Ural Mountains--Geology, Stratigraphic)
(Ural Mountains--Mines and mineral resources)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, U.G.

Some problems of immersion methods of studying terrigenous sedimentary rock. Zap.Vses.min.ob-va 85 no.2:235-241 '56.
(MLRA 9:9)

1. Geologicheskiy institut Kazanskogo filiala Akademii nauk SSSR.
(Rocks, Sedimentary)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, U.G.; KIRSANOV, N.V.

Character and mineralogical composition of terrigenous lower Akchagylian sediments in the Vyatka-Kama area. Izv.Kazan.fil. AN SSSR. Ser.geol.nauk no.6:141-149 '57. (MIRA 12:1)
(Vyatka Valley--Clay)
(Kama Valley--Clay)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, U.G.

Composition of clayey materials in Paleogene siliceous rocks of the middle Volga Valley. Dokl.AN SSSR 137 no.5:1198-1201 Ap '61. (MIRA 14:4)

1. Geologicheskiy institut Kazanskogo filiala AN SSSR. Predstavleno akademikom N.M.Strakhovym.
(Volga Valley—Rocks, Siliceous) (Clay)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, U. G.

Lithologic and facies characteristics of the Lower and Upper Syzranian Paleocene deposits in the Ul'yanovsk region of the Volga Valley. Dokl. AN SSSR 147 no.4:896-899 D '62.
(MIRA 16:1)

1. Geologicheskiy institut Kazanskogo filiala AN SSSR. Predstavleno akademikom N. M. Strakhovym.

(Ul'yanovsk Province--Geology, Stratigraphic)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, U.G.; NEZIMOV, V.N.

Utilization of opoka of the Ul'yanovsk Province as hydraulic additives for the Shugurovo Cement Factory. Izv.Kazan.fil. AN SSSR. Ser.geol.nauk no.9:153-170 '60. (MIRA 15:12)
(Tatar A.S.S.R.—Cement industries)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOV, N.G.

Clastic dikes of the Volga Valley. Dokl. AN SSSR 160 no.5:1159-1161 F '65. (MIRA 18:2)

1. Geologicheskiy institut, Kazan'. Submitted November 12, 1964.

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DISTANOVA, A.N.

Contact phenomena in certain granite intrusions in the south-western part of central Kazakhstan. Izv.vys.ucheb.zav.; geol. i razv. 2 no.4:94-109 Ap '59. (MIRA 12:12)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
(Kazakhstan--Rocks, Crystalline and methamorphic)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOVA, A.N.

Contact phenomena as illustrated by some granite intrusions in central Kazakhstan. Biul.MOIP.Otd.geol. 34 no.4:157-158 Jl-Ag '59. (MIRA 13:8)

(Kazakhstan--Metamorphism (Geology))

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOVA, A. N., Cand Geolog-Mineralog Sci (diss) -- "Contact phenomena of some granitic intrusions of the southwestern portion of central Kazakhstan". Moscow, 1960. 22 pp (Moscow Order of Lenin and Order of Labor Red Banner State U im M. V. Lomonosov, Geol Faculty, Chair of Petrography), 110 copies (KL, No 10, 1960, 127)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

AFANAS'YEV, G.D.; AFANAS'YEV, L.M.; BELIKOV, B.P.; KOPTEV-DVORNIKOV, V.S.; MIKHAYLOV, N.A.; MONICH, V.K.; PAVORSKAYA, M.A.; prinimali uchastiye: DISTANOVA, A.N.; YELISEYEVA, O.P.; MARFUNIN, A.S.; YUNAKOVSKAYA, Yu.V.; USTIYEV, Ye.K., doktor geol.-min. nauk, otv. red.; NEMANOVA, G.F., red. izd-va; BYKOVA, V.V., tekhn. red.

[Principles of the geological mapping of intrusive and extrusive formations as exemplified by petrographic studies in Kazakhstan, Transbaikalia, the Northern Caucasus, and Maritime Province] Printsipy geologicheskogo kartirovaniia intruzivnykh i effusivnykh formatsii na primere petrograficheskikh issledovanii Severnogo Kavkaza, Kazakhstana, Zabaikal'ia i Primor'ia. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po geol.i okhrane nedr, 1960. 341 p. (MIRA 14:5)

1. Akademiya nauk SSSR. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii. 2. Sotrudnik Instituta geologicheskikh nauk AN Kaz. SSR (for Monich). 3. Sotrudnik Vsesoyuznogo geologicheskogo instituta (for Mikhaylov) 4. Sotrudniki Moskovskogo gosudarstvennogo universiteta (for Yunkovskaya, Distanova)

(Rocks, Igneous)

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KOPTEV-DVORNIKOV, V.S.; POLKVOY, O.S.; DISTANOVA, A.N.; DMITRIYEV, A.N.; YEFREMOVA, S.V.; KOZLOV, A.V.; PAVLOV, V.A.; PLAMENEVSKAYA, N.L.; NEGREY, Ye.V.; SHEYNMAN, V.S., red.izd-va; DOROKHINA, I.N., tekhn.red.

[Paleozoic intrusive complexes of granitoids in Bet-Pak-Dala] Paleozoiskie intruzivnye kompleksy granitoidov Betpakdala. Moskva, Izd-vo Akad.nauk SSSR, 1962. 295 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no.54). (MIRA 15:5)
(Bet-Pak-Dala--Rocks, Igneous)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOVA, A.N.

Changes in the optical properties of potassium feldspars in rocks of contact aureoles of granitic intrusions. Geol.i geofiz. no.5:130-132 '62. (MIRA 15:8)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.
(Feldspar--Optical properties)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTANOVA, A.N.

Martayga intrusive complex. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no.33:134-144 '63. (MIRA 17:11)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

BUKHSHTAB, Z.I.; DISTANOVA, L.Ya., inzh.

Determining the carbonyl numbers of products from paraffin oxidation. Masl.-zhir. prom. 27 no.11:29-31 N '61. (MIRA 15:1)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I. Lenina.
(Paraffin wax)
(Oxidation) (Carbonyl group)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTERLO, B.N.

Akhan-Garan Combine. Stroi.mat. 9 no.11:9-11 N '63.
(MIRA 17:4)

1. Glavnyy inzhener proyekta Gosudarstvennogo instituta po proyektirovaniyu predpriyatiy stroitel'nykh materialov Gosstroya SSSR.

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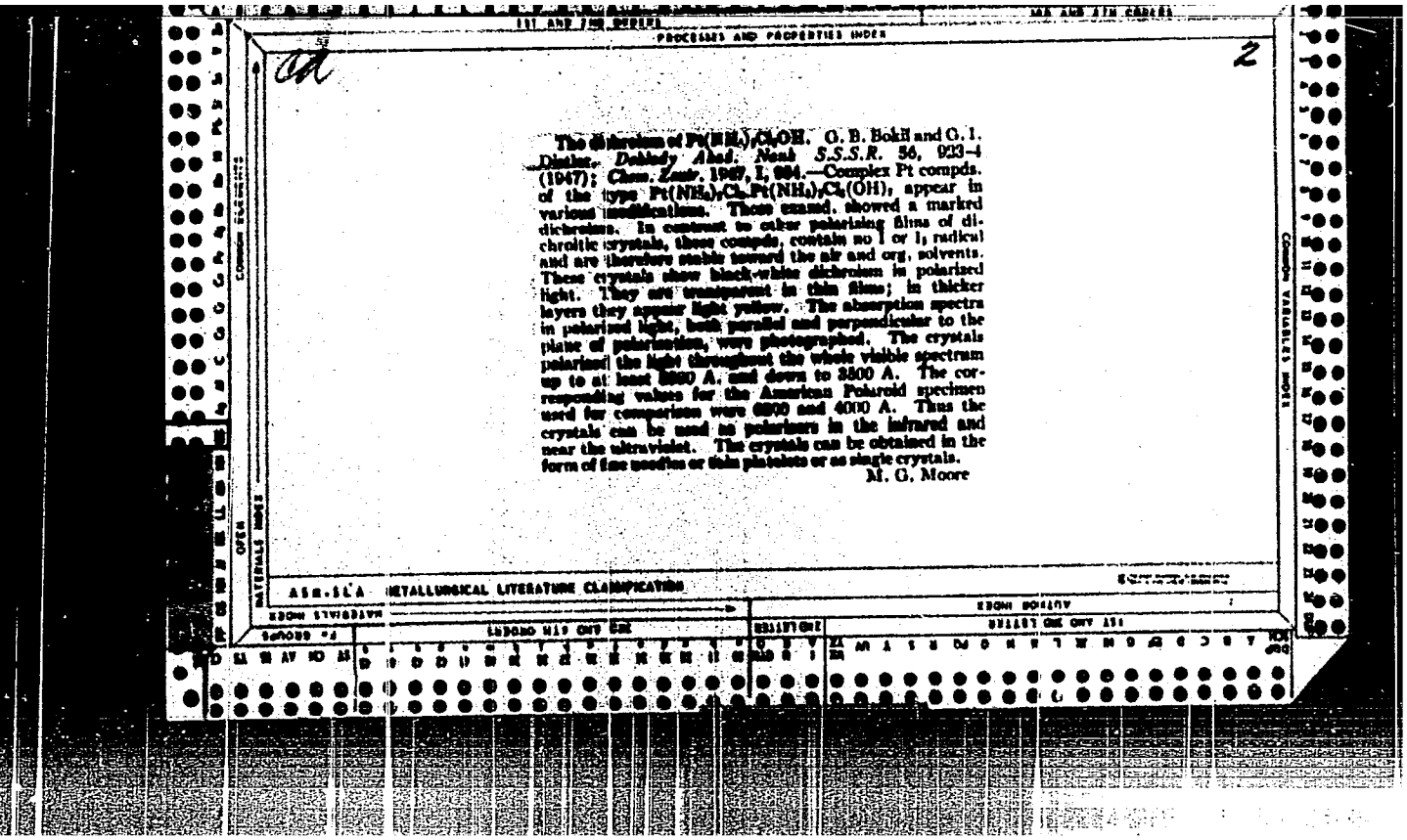

The dichroism of $Pt(NH_3)_2Cl_2OH$. G. B. Bokii and G. I. Distler. *Doklady Akad. Nauk S.S.S.R.* 56, 923–4 (1947); *Chem. Zentr.* 1947, I, 894.—Complex Pt compds. of the type $Pt(NH_3)_2Cl_2Pt(NH_3)_2Cl_2(OH)_2$ appear in various modifications. These exhibit a marked dichroism. In contrast to other polarizing films of dichroitic crystals, these compds. contain no I or I$_3$ radical and are therefore stable toward the air and org. solvents. These crystals show black-white dichroism in polarized light. They are transparent in thin films; in thicker layers they appear light yellow. The absorption spectra in polarized light, both parallel and perpendicular to the plane of polarization, were photographed. The crystals polarized the light throughout the whole visible spectrum up to at least 8500 A. and down to 3500 A. The corresponding values for the American Polaroid specimen used for comparison were 6800 and 4000 A. Thus the crystals can be used as polarizers in the infrared and near the ultraviolet. The crystals can be obtained in the form of fine needles or thin platelets or as single crystals.

M. G. Moore

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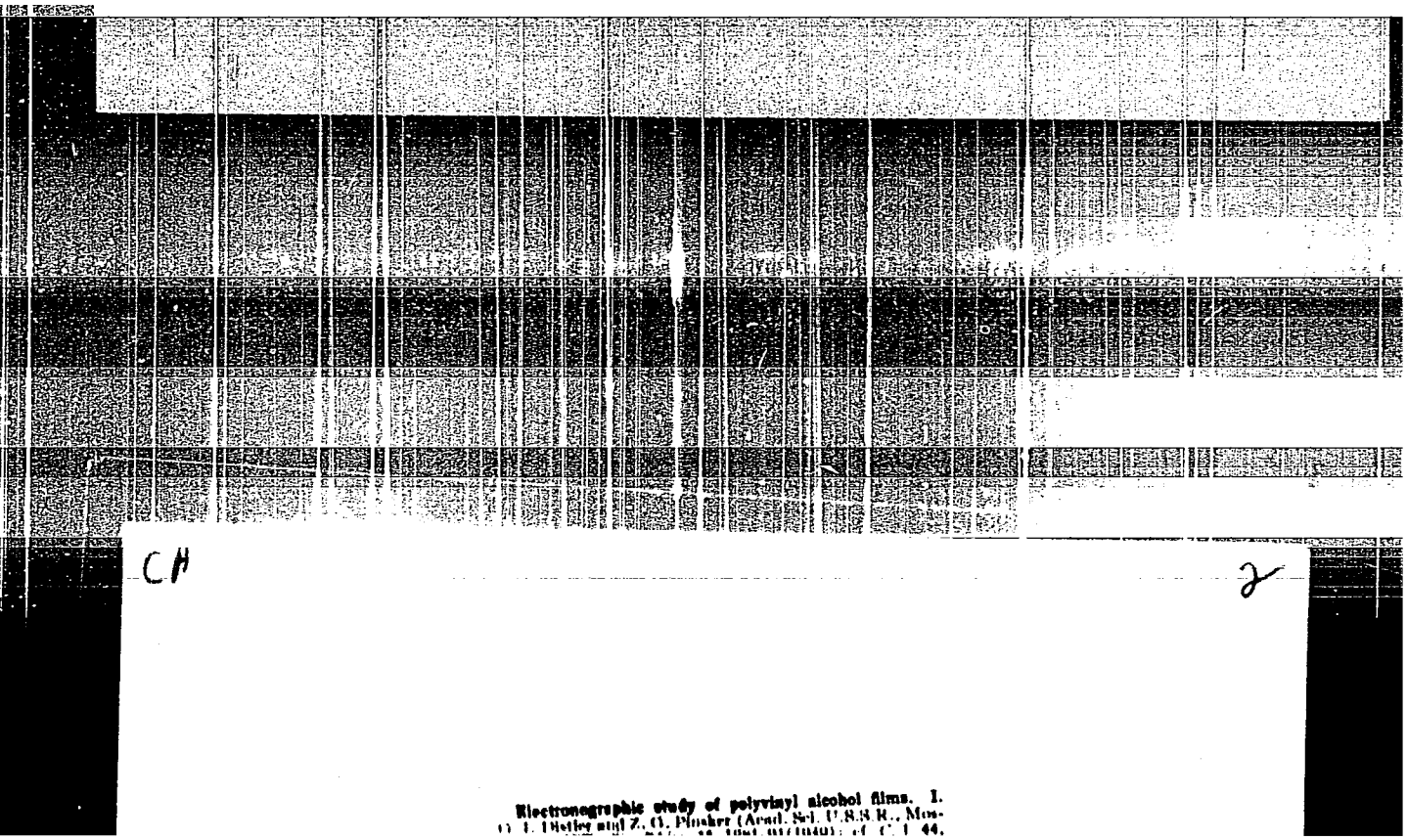

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Electronographic study of polyvinyl alcohol films. I.
[illegible] and Z. G. Pinsker (Acad. Sci. U.S.S.R., Mos-
[illegible] abstract) cf. C. 1 44.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

CA Distler, G. I.

2

Electron diffraction of stretched films of polyvinyl alcohol. II. G. I. Distler and Z. G. Pinsker (Inst. Cryst., Acad. Sci. U.S.S.R., Moscow). *Zhur. Fiz. Khim.* 24, 1183–7 (1950).—A few drops of a 0.2% aq. soln. of polyvinyl alc. (I) were laid upon a celluloid film fixed on a suitable frame. The film of I obtained after evapn. of the H_2O was pushed upwards by means of metallic supports and the celluloid film was dissolved in amyl acetate. Before stretching, the film was subjected to the action of H_2O vapor and sometimes heated on an elec. plate. The extension amounted to 100–200% on the av. The photographic plate was at a distance of 68 and 22 cm. from the film. All reflections lay on layer lines. The line passing through the center and ⊥ to the stress axis is called equatorial and the other lines are given indexes in the order of their distance from the center. The electron wave length was detd. by means of metallic Ag sputtered on the film. The identity periods were calcd. The electron diffraction photographs resemble the corresponding x-ray pattern. Reflections are arc-shaped. Their sharpness is not higher than for unstretched films. The new reflections due to stretching lie all in a direction parallel to the stress axis. The most intense ones correspond to the rings of the pattern obtained with non-stretched films. The pattern does not change when the I film is rotated about the stress axis (the incident beam is ⊥ to this axis) or when a plasticizer (glycerol) is added to the film or after long exposure to the beam. A normal I film contains ordered domains of various shapes and sizes (*C.A.* 44, 3821h). Under stress, the domains are rearranged and orient themselves in the direction of the stress axis. The visually estd. relative intensities are 100 (101), ~0 (201), ~0 (002), 2 (110), 36 (111), 5 (212), 11 (020), 1-2 (121), 1 (130), 1 (040). They are in complete disagreement with the intensities computed with the aid of two different models of the polymer (Mooney and Bunn); 200 and 002 which ought to be the most intense, are extremely weak. The similarity between the pattern of stretched and normal films suggests that the domains are very similar in both cases. The absence of *hOl* reflections shows that the domains have a structure departing from ideality, the discrepancy having an anisotropic character: the distances between atoms of neighboring chains are not regular. Indeed, the quantity $\sqrt{\delta^2}$ computed as the equiv. of the displacement due to heat motion, is 0.89 A. for 200 and 0.58 A. for 002, i.e. about 10% of the distances between atoms of neighboring chains in the ideal model. The effect is confirmed by x-ray patterns which show much weaker and more diffuse *h0l* reflections for films extended to 100–200% than for films extended to 500%. In nonstretched films, the effect is masked by the isotropy of the texture. Only for very large extensions (500–600%) does the dimension of the ordered domains start to grow. The electron-diffraction patterns are characteristically diffuse, which is due to the small size of the domains.

Michel Boudart

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Electronographic investigation of unstretched and stretched films of a polyamido ester. G. I. Distler and Z. G. Pinsker (Acad. Sci. U.S.S.R., Moscow). *Doklady Akad. Nauk S.S.S.R.* 72, 315-18(1950).—The polymer was produced from sebacic acid and monoethanolamine according to $n\ CO_2H(CH_2)_8CO_2H + n\ OH(CH_2)_2NH_2 \rightarrow [CO_2(CH_2)_8NHCO(CH_2)_2]_n + 2n\ H_2O$; it is sol. in CH_2Cl and MeOH, insol. in H_2O. Films were produced by depositing a few drops of a 1% soln. in $CHCl_3$ with some MeOH on H_2O. Unstretched electron-diffraction diagrams show 8 relatively sharp rings, with the 1st 2 most intense. Stretching by 100-200% transforms the rings into diffuse arcs and increases their no. and intensity. Most reflections lie on a line parallel to the axis of stretching. Rotation of the film around that axis perpendicular to the electron beam does not change the diffraction pattern. From the sepn. of the lines disposed perpendicularly to the axis of stretching, the identity period along the mol. axis is 16.80 ± 0.05 A., in approx. agreement with the figure calcd. for a plane chain, 17.22 A. This detn. proves also that the polymerization does not proceed over an intermediate $HO(CH_2)_2NHCO(CH_2)_8CONH(CH_2)_2OH$ which, reacting with excess sebacic acid, would produce a polymer $[CO_2(CH_2)_2NHCO(CH_2)_8CONH(CH_2)_2OCO(CH_2)_8]_n$, of a different identity period. The general distribution of the reflections and intensities presents a similarity to paraffin or polythene. From the (hk0) reflections, the polymer has an orthorhombic lattice with $a = 7.84$, $b = 4.88$, and $c = 16.80$ A. The sharpness of the lines of the unstretched polymer indicates a high degree of order. The rigid parts of the mols., coinciding with the direction of the c axis of the ordered regions, are oriented very nearly perpendicular to the plane of the film; the total chain length being much greater than the thickness of the film, the chains must be folded. On stretching, a new orientation arises wherein the mol. chains tend to be oriented with the c axis parallel to the plane of the film. An intermediate orientation is produced by moderate (20-30%) stretching; in this case, if the film is rotated by a certain angle around the axis of stretching, one observes both a transition of rings to arcs along a line parallel to the axis of rotation, as in unstretched samples, and along a perpendicular equatorial line, as in fully stretched samples. It indicates both partial preservation of the original order characteristic of the unstretched state and appearance of new regions with a different orientation relative to the plane of the film. Of the 12 (00l) reflections, the most intense, (007) and (0014), correspond to the identity periods 2.42 and 1.21 A. Further strong reflections are $l = 6$, 8, 13, and 15. The flat chain mols. are evidently disposed parallel to each other, the distances between neighboring chains being multiples of 1.23 A. The higher intensity of (007) and (008) may indicate that the cell is not exactly orthorhombic, but slightly monoclinic. N. Thon

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DISTLER, G. I.; KORSHAK, V. V. and CHELNOKOVA, G. N.

High Molecular Compounds. L. The Mechanism of Polycondensation of Monoethanol Amine with Dicarboxylic Acids, page 1278, Sbornik Statey po obshchey khimii (Collection of Papers on General Chemistry), Vol II, Moscow-Leningrad, 1953, pages 1680-1686.

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USSR/ Physics - Light filters

Card 1/1 Pub. 124 - 14/32

Authors : Gil'varg, A. B., and Distler, G. I.

Title : At the Institute of Crystallography

Periodical : Vest. AN SSSR 25/6, 80-82, June 1955

Abstract : Announcement is made by the Institute of Crystallography on the development of a new interference-polarization light filter suitable for the study of the characteristics of the sun. The filter consists of 10 polarizers and 9 quartz plates of total thickness of 144 mm. Aperture diameter of the filter is 30 mm. Other features of the light-filter are listed.

Institution : .....

Submitted : .....

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410420018-1

DISTLER, G. I.

USSR/Physics - Interference-polarization light filteration

Card 1/2 Pub. 22 - 9/47

Authors : Gil'barg, A. B.; Distler, G. I.; and Makarova, E. A.

Title : Interference-polarization light filter for K-lines of ionized calcium

Periodical : Dok. AN SSSR, 100/6, 1067-1068, Feb 21, 1955

Abstract : Announcement is made about the design and construction of the IPSF-3934 interference-polarization light filter for astrophysic investigations of solar spectra. The filter consists of 9 quartz elements and 10 polarizers with a thickness of the last quartz plate of 52.6mm.

Institution : Academy of Sciences USSR, Institute of Crystallography

Presented by : Academician A. V. Shubnikov, November 11, 1954

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